

JUN-22-2004 15:38

AFMC LO/JAZ

Amtd. dated 14 Nov 03

Reply to Office action of 20 Oct 03

937 255 3733

P.06/10

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JUN 22 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

Appl. No. : 10/034,769
Applicant(s) : Ryan J. Welch et al.
Filed : January 3, 2002
Title : Hybrid Electrical Circuit Device With Mated Substrate Carrier

TC/A.U. : 2827
Examiner : John B. Vigushin

Docket No. : AFD 460

Honorable Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT and RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the Office action of restriction dated 20 October 2003, please amend the above-identified application as follows:

Applicant's election appears on page 2 of this paper.

Applicant's remarks appear on page 3 of this paper.

Amendments to the Drawings begin on page 4 of this paper.

JUN-22-2004 15:38 AFMC LO/JAZ
Amdt. dated 14 Nov 03
Reply to Office action of 26. 03

937 255 3733 P.07/10

ELECTION

Applicants hereby provisionally elect the claims of group 2, i.e., claims 9-20 for current examination on the merits.

REMARKS

Claims 1-20 are pending in the application. Of these claims, claims 1-8 are identified as a first invention and assigned the identity of Group I in the October 20 Examiner's Action of restriction. The Group II claims are identified as the remaining claims, claims 9-20, in the Examiner's Action.

In response, applicants provisionally elect the Group II claims, claims 9-20, for present examination on the merits. Applicants also submit herein a replacement sheet 14 of formal drawings in which the omitted notation "PRIOR ART" is added to the FIG. 27A and FIG. 27B drawings.

The omitted notation "PRIOR ART" added to the FIG. 27A and FIG. 27B drawings is supported by the language commencing at page 8, line 27 of the original application specification.

In view of the provisional election made herein and the change to the application drawings accomplished herein the application is believed to be in condition for examination and allowance. Such examination and allowance at the earliest possible time are respectfully solicited.

Respectfully submitted,

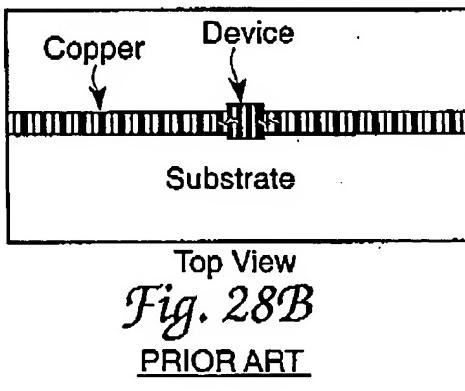
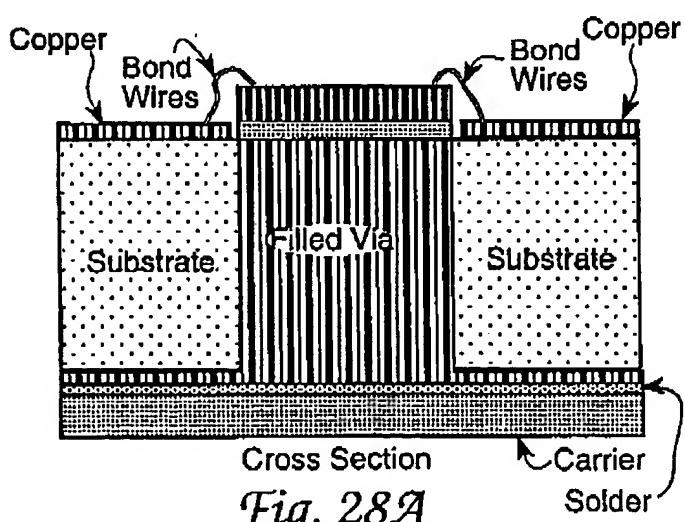
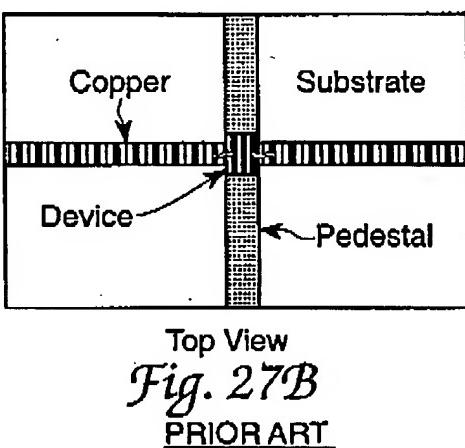
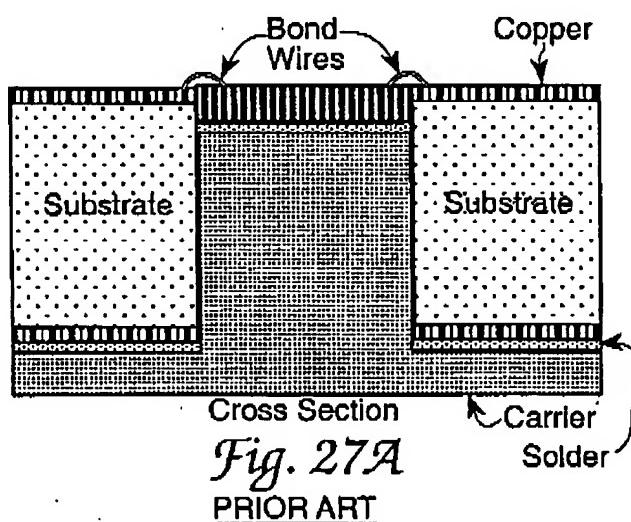
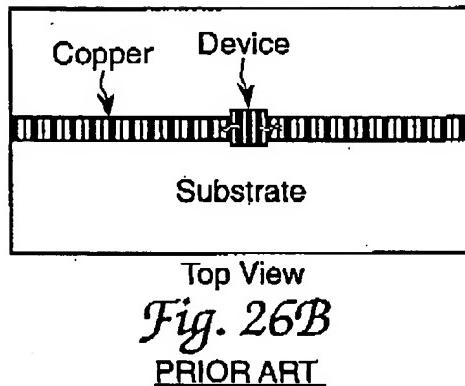
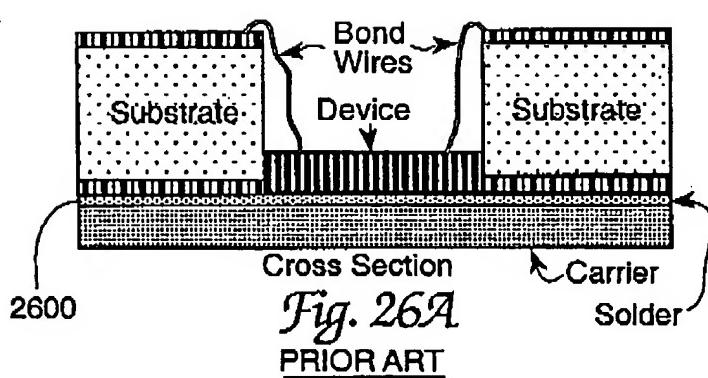


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Replacement Sheet

AFD 00460
RYAN WELCH ETAL
SHEET 14 OF 17



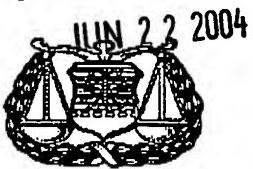
DAILY LOG - NOVEMBER 2003

DATE	AF/MW	INVENTOR(S)	SYMBOL	SERIAL #	FILING DATE	ALLOW. DATE	INVENT. DATE	ISSUE DATE	PATENT/SIR NUMBER	REMARKS	ATTY	Resp	Due	Ind	Com	
11/4/03	D 599	Tan et al		10192,040					6,541,633	Certificate of Correction - 10/28/03	GEB					
11/4/03	D 598	Tan et al			10192,021					Office Action - 10/29/03	GEB	X				
11/4/03	D 625	Michalek			USAFA	10680,159	10/6/03			Postcard - Nonprovisional	GBH					
11/4/03	D 624	Michalek			USAFA	10680,157	10/6/03			Postcard - Nonprovisional	GBH					
11/4/03	D 623	Michalek			USAFA	10680,158	10/6/03			Postcard - Nonprovisional	GBH					
11/4/03	D 621	Winston			USAFA	10682,074	8/1/03			Nonprovisional Filing Receipt	RAL					
11/4/03	D 628	Winston			USAFA	10682,075	8/1/03			Nonprovisional Filing Receipt						
11/4/03	21432	Look et al			08359,246					5,512,999	Maintenance Fee Statement [Paid]	TLK				
11/4/03	20790	Evans			08376,131					5,543,170	Maintenance Fee Statement [Paid]	BDS	X		X	
11/5/03	D 628	Vickers et al	MLQF								FL - Orig. application forwarded to PTO	BDS				
11/5/03	D 658	Allen et al			601491,452	7/30/03					Provisional Filing Receipt	GST				
11/5/03	D 659	Aksentov et al			10683,482	10/21/03					Postcard - Nonprovisional	GBH				
11/6/03	D 683	Mitra et al	ML								FL - Orig. application forwarded to PTO	GST				
11/7/03	D 172	Rouquette et al			10153,193						Office Action - 11/4/03	BDS	X			
11/7/03	D 641	Beck et al	ML		10685,730	10/23/03					Postcard - Nonprovisional	GEB				
11/7/03	D 642	Beck et al	ML		10685,730	10/23/03					Postcard - Nonprovisional	GEB				
11/7/03	D 550	Quach et al	SN		10034,747						ISU	GBH				
11/7/03	D 514	Pujman et al			09950,241						Office Action / drawings - 11/5/03	BDS	X			
11/7/03	D 613	Schaefer	PR								FL - Orig. application forwarded to PTO	BDS	X			
11/7/03	D 592	Uchik et al	ML								FL - Orig. application forwarded to PTO	RAL				
11/7/03	D 598	Tan et al			10192,021						Amendment	GEB	X			
11/7/03	D 683	Reppinger									NDD/A/C	GST				
11/7/03	D 674	Deng et al	ML		601495,955	8/18/03					Provisional Filing Receipt - 11/10/03	GEB				
11/7/03	D 570	Lucht et al	PR		601493,564	8/7/03					Provisional Filing Receipt - 11/10/03	RAL				
11/7/03	D 572	McKellar et al			10076,339						Office Action - 11/10/03	GEB	X			
11/7/03	21403	Delsing et al			08381,573						FL - Orig. application forwarded to PTO	BDS				
11/7/03	2157	Subramanian et al			08384,375						FL - Orig. application forwarded to PTO	RAL				
11/7/03	D 6	Essentiel et al			08384,081						Amendment	GEB	X			
11/7/03	D 671	Erbie et al	USAFA								NDD/A/C	GST				
11/7/03	D 460	Weich et al			10034,769						Maintenance Fee Reminder - 10/28/03	BDS				
11/7/03	D 609	Mitra	SN		10215,551						5,505,793	Maintenance Fee Reminder - 10/28/03	BDS			
11/7/03	D 628	Winkler	MLQ		10703,038	11/5/03					5,506,677	Maintenance Fee Reminder - 10/28/03	GEB			
11/7/03	D 678	Tan et al	ML									FL - Prov. application forwarded to PTO	GBH	X		
11/7/03	D 688	Tan et al	ML									Response to Restriction Requirement	GBH	X		
11/7/03	D 610	Stone et al	MLQ		10684,234	8/5/03						Postcard - Nonprovisional	GST			
11/7/03	D 690	Stone et al			10684,234							Postcard - Nonprovisional	GBH	X		
11/7/03	D 698	Span et al	MLQ									Postcard - Nonprovisional	GEB	X		
11/7/03	D 613	Scheuer	PR		10705,192	11/1/03						Postcard - Nonprovisional	BDS			
11/7/03	D 653	Mitra et al	SN		10704,823	11/12/03						Postcard - Nonprovisional	GST			
11/7/03	D 573	Stanek			10465,143							Ex Parte Quayle Action - 11/20/03	RAL	X		

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FAX: DSN 785-3733
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Examiner John B. Vigushin Art Unit 2827
 (Name) (Telephone#) (Organization)

Addressee's FAX NUMBER: (703) 872 9306Sent By: G.B. HollinsTotal Pages (Including Cover): 10

Date / Time Transmitted:

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number 10/034,769
		Filing Date January 3, 2002
		First Named Inventor Ryan J. Welch
		Art Unit 2827
		Examiner Name John B. Vigushin
Total Number of Pages in this Submission 9		Attorney Docket Number AFD 460

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts / Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to a Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
Firm or Individual Name	GERALD B. HOLLINS
Signature	<i>Gerald B. Hollins</i>
Date	June 22, 2004

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Approved for use through 6/30/2003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/034,769
		Filing Date	January 3, 2002
		First Named Inventor	Ryan J. Welch
		Group Art Unit	2827
		Examiner Name	John B. Vigushin
Total Number of Pages in this Submission	5	Attorney Docket Number	AFD 460

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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
Firm or Individual Name	Gerald B. Hollins, Reg. No. 25,452
Signature	<i>Gerald B. Hollins</i>
Date	17 November 2003

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Signature	<i>Gerald B. Hollins</i>	Date 17 November 2003